

§ 420.44

(2) If the permittee demonstrates to the satisfaction of the permitting authority that safety considerations prevent attainment of these limitations, the permitting authority may establish alternative limitations on a best professional judgment basis.

[47 FR 23284, May 27, 1982, as amended at 67 FR 64267, Oct. 17, 2002]

§ 420.44 New source performance standards (NSPS).

The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below.

(a) *Basic oxygen furnace steelmaking—semi-wet; and electric arc furnace steelmaking—semi-wet.* No discharge of process wastewater pollutants to navigable waters.

(b) *Basic oxygen furnace steelmaking—wet-suppressed combustion.*

SUBPART D

| Pollutant or pollutant property | New source performance standards | |
|---------------------------------|--|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| TSS | 0.0146 | 0.00522 |
| Lead | 0.000188 | 0.0000626 |
| Zinc | 0.000282 | 0.0000939 |
| pH | (¹) | (¹) |

¹ Within the range of 6.0 to 9.0.

(c) *Basic oxygen furnace steelmaking—wet open combustion; and electric arc furnace steelmaking—wet.*

SUBPART D

| Pollutant or pollutant property | New source performance standards | |
|---------------------------------|--|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| TSS | 0.0321 | 0.0115 |
| Lead | 0.000413 | 0.000138 |
| Zinc | 0.000620 | 0.000207 |
| pH | (¹) | (¹) |

¹ Within the range of 6.0 to 9.0.

[47 FR 23284, May 27, 1982, as amended at 67 FR 64267, Oct. 17, 2002]

40 CFR Ch. I (7–1–09 Edition)

§ 420.45 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources.

(a) *Electric arc furnace steelmaking—semi-wet.* No discharge of process wastewater pollutants to navigable waters.

(b) *Basic oxygen furnace steelmaking—wet-suppressed combustion.*

SUBPART D

| Pollutant or pollutant property | Pretreatment standards for existing sources | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| Lead | 0.000188 | 0.0000626 |
| Zinc | 0.000282 | 0.0000939 |

(c) *Basic oxygen furnace steelmaking—wet open combustion; and electric arc furnace steelmaking—wet.*

SUBPART D

| Pollutant or pollutant property | Pretreatment standards for existing sources | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| Lead | 0.000413 | 0.000138 |
| Zinc | 0.000620 | 0.000207 |

(d) *Basic oxygen furnace steelmaking—semi-wet.* (1) No discharge of process wastewater pollutants to navigable waters.

(2) If the permittee demonstrates to the satisfaction of the pretreatment control authority that safety considerations prevent attainment of these limitations, the pretreatment control authority may establish alternative limitations on a best professional judgment basis.

[47 FR 23284, May 27, 1982, as amended at 67 FR 64267, Oct. 17, 2002]